

**OPINION 2370 (Case 3634)****OMALIIDAE Handlirsch, 1904 (Insecta, Archaeorthoptera) and XENOPTERIDAE Pinto, 1986 (Insecta, Megasecoptera): emended to OMALIAIDAE and XENOPTERAIDAE respectively**

**Abstract.** Under the plenary power the Commission has emended the spelling of the names OMALIIDAE Handlirsch, 1904 (Insecta, Archaeorthoptera) and XENOPTERIDAE Pinto, 1986 (Insecta, Megasecoptera). The stem of the generic name *Omalia* has been emended to *Omalia-* to give OMALIAIDAE, and the stem of the generic name *Xenoptera* has been emended to *Xenoptera-* to give XENOPTERAIDAE.

**Keywords.** Nomenclature; taxonomy; Insecta; Archaeorthoptera; Megasecoptera; OMALIAIDAE; OMALIIDAE; XENOPTERAIDAE; XENOPTERIDAE; *Omalia*; *Omalium*; *Xenoptera*; *Xenopterum*; insects.

**Ruling**

- (1) Under the plenary power it has been ruled that for the purposes of Article 29 of the Code:
  - (a) the stem of the generic name *Omalia* Beneden & Coemans, 1867 is *Omalia-*;
  - (b) the stem of the generic name *Xenoptera* Pinto, 1986 is *Xenoptera-*.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
  - (a) *Omalia* Beneden & Coemans, 1867 (gender: feminine), type species by monotypy *Omalia macroptera* Beneden & Coemans, 1867;
  - (b) *Omalium* Gravenhorst, 1802 (gender: neuter), type species by subsequent designation *Staphylinus rivularis* Paykull, 1789;
  - (c) *Xenoptera* Pinto, 1986 (gender: feminine), type species by monotypy *Xenoptera riojaensis* Pinto, 1986;
  - (d) *Xenopterum* Riek, 1955 (gender: neuter), type species by monotypy *Xenopterum crosbyi* Riek, 1955.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
  - (a) *crosbyi* Riek, 1955, as published in the binomen *Xenopterum crosbyi*;
  - (b) *macroptera* Beneden & Coemans, 1867, as published in the binomen *Omalia macroptera*;
  - (c) *riojaensis* Pinto, 1986, as published in the binomen *Xenoptera riojaensis*.
- (4) The following names are hereby placed on the Official List of Family-Group Names in Zoology:
  - (a) OMALIAIDAE Handlirsch, 1904, type genus *Omalia* Beneden & Coemans, 1867, spelling emended, as ruled in (1)(a) above (Insecta, Archaeorthoptera);
  - (b) OMALIIDAE MacLeay, 1825, type genus *Omalium* Gravenhorst, 1802 (Insecta, Coleoptera);



- (c) XENOPTERAIDAE Pinto, 1986, type genus *Xenoptera* Pinto, 1986, spelling emended, as ruled in (1)(b) above (Insecta, Megasecoptera);
  - (d) XENOPTERIDAE Riek, 1955, type genus *Xenopterum*, Riek, 1955 (Insecta, Orthoptera).
- (5) The following names are hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology:
- (a) OMALIDAE Handlirsch, 1904, spelling emended to OMALIAIDAE, as ruled in (1)(a) above (Insecta, Archaeorthoptera);
  - (b) XENOPTERIDAE Pinto, 1986, spelling emended to XENOPTERAIDAE, as ruled in (1)(b) above (Insecta, Megasecoptera).

### History of Case 3634

An application to emend the spelling of the names OMALIDAE Handlirsch, 1904 (Insecta, Archaeorthoptera) and XENOPTERIDAE Pinto, 1986 (Insecta, Megasecoptera), was received from Andrew J. Ross (*Department of Natural Sciences, National Museums Scotland, Edinburgh, U.K.*), David B. Nicholson (*Department of Earth Sciences, The Natural History Museum, London, U.K.*) & Ed A. Jarzembowski (*State Key Laboratory of Palaeobiology and Stratigraphy, Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences, Nanjing, China & Department of Earth Sciences, The Natural History Museum, London, U.K.*) on 12 July 2013. After correspondence the Case was published in BZN 70: 166–170 (September 2013). The title, abstract and keywords of the Case were published on the Commission's website. No comments were received on this Case. The Case was sent for vote on 1 June 2015. A greater than two-thirds majority of Commissioners voted FOR the Case (20 For, 0 Against).

### Decision of the Commission

At the close of the voting period on 1 September 2015 the votes were as follows:

Affirmative votes – 20: Alonso-Zarazaga, Ballerio, Bogutskaya, Bouchet, Brothers, Grygier, Halliday, Harvey, Kojima, Kottelat, Krell, Kullander, Lamas, Pape, Rosenberg, Štys, van Tol, Winston, Yanega and Zhou.

Negative votes – none.

Fautin, Ng, Patterson, Pyle and Zhang were on leave of absence.

Voting FOR, Grygier said that in the abstract, it had been ill-advised to give the family names as single-i OMALIDAE and not 'correct original spelling' double-i OMALIIDAE (as in the Case's title). The single-i spellings in para. 2 should have been followed by [sic]. Also, in the abstract MacLeay's version of the name had a familial, not subfamilial ending, which seemed to be an error contrary to history and the title.

### Original references

The following are the original references to the entries on either an Official List or Official Index in the ruling given in the present Opinion:

*Omalia* Beneden & Coemans, 1867, *Bulletins de l'Académie Royale des Sciences, des Lettres et des Beaux-arts de Belgique*, (2)23: 392.

*Omalius* Gravenhorst, 1802, *Coleoptera Microptera Brunsvicensia nec non Exoticorum quotquot exstant in collectionibus Entomologorum Brunsvicensium in genera familias et species*. Reichard, Brunswick, p. 111.



*Xenoptera* Pinto, 1986, *Pesquisas*, **18**: 25.

*Xenopterum* Riek, 1955, *Australian Journal of Zoology*, **3**(4): 687.

*crosbyi*, *Xenopterum*, Riek, 1955, *Australian Journal of Zoology*, **3**(4): 687.

*macroptera*, *Omalia*, Beneden & Coemans, 1867, *Bulletins de l'Académie Royale des Sciences, des Lettres et des Beaux-arts de Belgique*, (2)**23**: 399.

*riojaensis*, *Xenoptera*, Pinto, 1986, *Pesquisas*, **18**: 25.

OMALIAIDAE Handlirsch, 1904, *Les Insectes Houillers de la Belgique. Mémoires du Musée Royal d'Histoire Naturelle de Belgique*, **3**: 13 (emended from OMALIDAE).

OMALIDAE Handlirsch, 1904, *Les Insectes Houillers de la Belgique. Mémoires du Musée Royal d'Histoire Naturelle de Belgique*, **3**: 13.

OMALIIDAE MacLeay, 1825, *Number I. of Annulosa Javanica, or an attempt to illustrate the natural affinities and analogies of the insects collected in Java by Thomas Horsfield, M.D. F.L. & G.S. and deposited by him in the museum of the Honourable East-India Company.* Kingsbury, Parbury & Allen, London, p. 49 (emended from OMALIDAE).

XENOPTERAIDAE Pinto, 1986, *Pesquisas*, **18**: 25 (emended from XENOPTERIDAE).

XENOPTERIDAE Pinto, 1986, *Pesquisas*, **18**: 25.

XENOPTERIDAE Riek, 1955, *Australian Journal of Zoology*, **3**(4): 687.